

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1804	(metal adj substrate) and (chips or dies) and (@ad<"20011231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 22:44
S2	680	S1 and ((insulation or insulating or dielectric) with substrate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 21:41
S3	1	("6750397").PN.	USPAT	OR	OFF	2005/01/09 21:32
S4	5	("5371404" "5422513" "6201701" "6271469" "6492723").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/09 21:33
S5	260	S2 and (balls or ball or bump or bumps) and (line or patterns or pattern or wire or pad or pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 22:45
S6	62	(metal adj (carrier or plate or chuck or holder or wafer or substrate)) and ((chips or dies) with polyimide) and (@ad<"20011231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 22:25
S7	54	S6 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 22:25
S8	25	("3903590").URPN.	USPAT	OR	OFF	2005/01/09 22:38
S9	25	("3903590").URPN.	USPAT	OR	OFF	2005/01/09 22:40
S10	452	438/121.ccls. and (@ad<"20011231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 22:44
S11	180	S10 and (balls or ball or bump or bumps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:22

S12	12	("20020070443" "20020074641" "5048179" "5457299" "5497033" "6025995" "6154366" "6232667" "6239482" "6271469" "6320127" "6423570").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/09 23:45
S13	1	("20020074641").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/10 00:01
S14	1	("20020070044").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/10 00:01
S15	1	("20020070043").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/10 00:02
S16	1	("20020070443").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/10 00:02
S17	452	438/121.ccls. and (@ad<"20011231")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:22
S18	0	S17 and ((punch or punching) near (hole or holes or opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:23
S19	13	S17 and ((punch or punching) with (hole or holes or opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:23